

WHAT IS CLAIMED IS:

1 1. An electronic system comprising:
2 a chassis;
3 a system component coupled to the chassis and having a first
4 connector;
5 a first printed circuit assembly having a second connector; and
6 a link coupled to the system component and slidably coupled to the
7 pivoting member, wherein pivoting of the pivoting member in a first direction
8 moves the second connector into connection with the first connector and
9 wherein pivoting of the pivoting member in a second direction moves the second
10 connector out of connection with the first connector.

1 2. The system of Claim 1 including at least one guide member is in
2 slidable engagement with the first printed circuit assembly, wherein the at least
3 one guide member is configured to guide movement of the first printed circuit
4 assembly towards the system component.

1 3. The system of Claim 2, wherein the at least one guide member
2 includes at least one guide pin in slidable engagement with the first printed
3 circuit assembly.

1 4. The system of Claim 1, wherein the link is releasably coupled to the
2 pivoting member.

1 5. The system of Claim 1, wherein the link has an upper end
2 configured as a handle for the first printed circuit assembly.

1 6. The system of Claim 1 including a stiffener coupled to the first
2 printed circuit assembly between the first printed circuit assembly and the link.

1 7. The system of Claim 1, wherein the link extends opposite the first
2 connector.

1 8. The system of Claim 1, wherein the first printed circuit assembly
2 has a center of mass and wherein the link is coupled to the first printed circuit
3 assembly at the center of mass.

1 9. The system of Claim 1, wherein the pivoting member includes a
2 channel and wherein the link includes the head portion slidably received within
3 the channel.

1 10. The system of Claim 1, wherein the system component comprises
2 a second printed circuit assembly having the second connector.

1 11. The system of Claim 10, wherein the first printed circuit assembly
2 is substantially parallel to the second printed circuit assembly as the pivoting
3 member is pivoted.

1 12: The system of Claim 10, wherein the first printed circuit assembly
2 includes a first printed circuit board and a first plurality of components affixed to
3 the first printed circuit board, wherein the first plurality of components extend in
4 a direction away from the second printed circuit assembly.

1 13. The system of Claim 12, wherein the second printed circuit
2 assembly includes a second printed circuit board and a second plurality of
3 components and wherein the second plurality of components extends away
4 from the first printed circuit assembly.

1 14. The system of Claim 1 including a spring coupled between the first
2 printed circuit assembly and the chassis.

1 15. The system of Claim 14, wherein the system component comprises
2 a second printed circuit assembly and wherein the spring is configured to
3 maintain the first printed circuit assembly substantially parallel with the second
4 printed circuit assembly.

1 16. The system of Claim 1 including a stop surface configured to
2 engage the first printed circuit assembly to limit movement of the first printed
3 circuit assembly towards the system component.

1 17. The system of Claim 1, wherein the pivot member pivots about a
2 horizontal axis.

1 18. An electronic subsystem for use with an electronic system having a
2 chassis, a system component coupled to the chassis, and having a first
3 connector and a pivoting member pivotally coupled to the chassis, the electronic
4 subsystem comprising:

5 a first printed circuit assembly having a second connector; and
6 a link coupled to the first printed circuit assembly and adapted to
7 be slidably coupled to the pivoting member such that the link slides relative to
8 the pivoting member as the pivoting member is pivoted to move the second
9 connector between a connected state in which the second connector is
10 connected to the first connector and a disconnected state.

1 19. The electronic subsystem of Claim 18, wherein the link is
2 configured to be releasably coupled to the pivoting member.

1 20. The electronic subsystem of Claim 18, wherein the system
2 component comprises a second printed circuit assembly and wherein the first
3 printed circuit assembly is configured to be slidably supported relative to the
4 second printed circuit assembly.

1 21. The electronic subsystem of Claim 18 including a stiffener coupled
2 to the first printed circuit assembly between the first printed circuit assembly
3 and the link.

1 22. The electronic subsystem of Claim 20, wherein the stiffener
2 extends opposite the first connector.

1 23. The electronic subsystem of Claim 18, wherein the first printed
2 circuit assembly has a center of mass and wherein the link is coupled to the first
3 printed circuit assembly at the center of mass.

1 24. An electronic system for use with an electronic subsystem having a
2 first printed circuit assembly with a first connector and a link extending from the
3 first printed circuit assembly, the electronic system comprising:

4 a chassis;

5 a system component having a second connector and coupled to the
6 chassis; and

7 a pivoting member pivotally coupled to the chassis, wherein the
8 pivoting member is configured to slidably engage the link during pivoting to
9 move the first connector and the second connector between a connected state
10 and a disconnected state.

1 25. The system of Claim 24, wherein the system component comprises
2 a second printed circuit assembly having the second connector.

1 26. The system of Claim 24 including at least one guide member
2 configured to guide movement of the first printed circuit assembly.

1 27. The system of Claim 24 including at least one stop surface
2 configured to engage the first printed circuit assembly to limit movement of the
3 first printed circuit assembly towards the system component.

1 28. The system of Claim 24 including a spring coupled to the chassis
2 and configured to engage the first printed circuit assembly.

1 29. The system of Claim 24, wherein the pivot member is configured to
2 be releasably coupled to the link.

1 30. The system of Claim 24, wherein the pivoting member pivots about
2 a horizontal axis.

1 31. An electronic system comprising:
2 a chassis;
3 a first system component having a first connector and coupled to
4 the chassis;
5 a pivot member pivotably coupled to the chassis;
6 a second system component having a second connector configured
7 to mate with the first connector; and
8 a link coupled to the second system component and slidably
9 coupled to the pivoting member, wherein pivotal movement of the pivoting
10 member moves the first connector and the second connector between a
11 connected state and a disconnected state.

1 32. The system of Claim 31, wherein the second system component
2 comprises a printed circuit assembly having the second connector.

1 33. A method for manipulating a system component of an electronic
2 system, the method comprising:
3 providing a link coupled to the system component and slidably
4 coupled to a lever; and
5 pivoting the lever about an axis to move the system component in
6 a direction perpendicular to the axis.

1 34. The method of Claim 33 including disconnecting the lever from the
2 link.

1 35. The method of Claim 33, wherein the first system component
2 includes a first connector, wherein the system further includes a second system
3 component having a second connector connected to the first connector and
4 wherein the method includes pivoting the lever until the first connector is
5 disconnected from the second connector.

1 36. The method of Claim 35, wherein the first system component
2 includes a first connector, wherein the system further includes a second system

3 component having a second connector disconnected to the first connector and
4 wherein the method includes pivoting the lever until the first connector is
5 connected to the second connector.

1 37. The method of Claim 33, wherein the first system component
2 includes a first connector, wherein the system further includes a second system
3 component having a second connector disconnected to the first connector and
4 wherein the method includes pivoting the lever until the first connector is
5 connected to the second connector.

1 38. The method of Claim 33, wherein the first system component
2 comprises a first printed circuit assembly and wherein the electronic system
3 further includes a second printed circuit assembly and wherein the method
4 further includes pivoting the lever about the axis while the first printed circuit
5 assembly is substantially parallel to the second printed circuit assembly.

1 39. The system of Claim 33, wherein the first system component
2 includes a first connector, wherein the system further includes a second system
3 component having a second connector disconnected from the first connector
4 and wherein the method includes pivoting the lever until the first system
5 component engages a stop surface indicating that the first connector and the
6 second connector are in a connected state.